



Massivit 3D Marks its Expansion into the Marine Arena at IBEX 2021 - Florida, Introducing Large-Scale, High-Speed 3D Printing for Marine Manufacturing

Visitors at Massivit 3D's booth will experience live demonstrations of the Massivit 5000 - producing a range of large-scale 3D printing maritime applications.

The event will provide an opportunity for limited-time pre-orders and benefits on the new Massivit 10000 - a groundbreaking AM tooling system designed to expedite composites mold production by 80%.

LOD, Israel, 27th September 2021 -- [Massivit 3D Printing Technologies](#) (Tel Aviv Stock Exchange: MSVT), the leading provider of large-scale 3D printing systems, will present its latest additive manufacturing technologies at IBEX 2021 in Tampa, Florida at Booth 3-053 on September 28-30, marking its expansion into the marine manufacturing market. The company will showcase the Massivit 5000 – recently launched to serve large-scale production for marine, automotive, and rail manufacturers – as well as the soon-to-be-launched Massivit 10000, designed to revolutionize composites manufacturing by expediting mold-production workflows.

Visitors to IBEX can book a [personalized demo](#) at the Massivit 3D booth of both the Massivit 5000 and the Massivit 10000, and will have a unique opportunity to reserve their place on the waiting list for the new Massivit 10000

On show at Massivit 3D's Booth 3-053 will be the [Massivit 5000](#) – designed to dramatically shorten production time for large, custom end-use parts, prototypes, and molds. Launched in Q2 2021, the Massivit 5000 enables marine manufacturers and service providers to produce large parts within hours - instead of days or weeks.

The latest of Massivit 3D's portfolio of 3D printers, the Massivit 5000 offers a colossal build volume of 57" x 44" x 70" (145cm x 111cm x 180cm) and facilitates high-speed production of parts that instantly cure during the printing process, offering ready-made parts straight off the printer - with practically no required support structures. Large, lightweight parts can be printed without the need for excessive post-processing. It also facilitates sea-worthy end-use parts with significantly shorter lead times, lower costs, and less waste than those of traditional manufacturing processes. The machine enables complex geometries that can serve as a core for composite marine parts made of fiberglass, carbon fiber, and Kevlar and its output has been proven to withstand required minimum loads for a range of maritime parts.

The new technology was developed to digitalize antiquated manufacturing workflows in line with Industry 4.0 requirements. Spare parts, custom end-use parts, molds, and prototypes can now be



produced onsite and on demand, such as symmetrical stern extensions, custom-made stern covers and rooves, ergonomic dashboards, tailored radar masts and bowsprits, hermetically sealed bathrooms, collecting tanks, and many other applications.

The Massivit 5000 will be printing live throughout the IBEX event, demonstrating its exceptional production speed – up to 30x that of other technologies – facilitated by the company’s unique patented technology, Gel Dispensing Printing (GDP).

The [Massivit 5000 Movie can be viewed here.](#)

GDP technology is based on a proprietary thermosets photo polymer material developed by Massivit 3D’s R&D team, and has, to date, been adopted in 40 countries across multiple industries.

Massivit 3D will also be introducing to IBEX visitors the [Massivit 10000](#), soon to be launched, and available at the show for pre-order via a rapidly growing waiting list.

Marking a new milestone for composites manufacturing, this groundbreaking additive manufacturing system facilitates cost-effective mold production for composite materials end parts. It is designed to overcome the bottlenecks of mold production by shortening the traditional 19-step workflow down to just 4 steps.

Based on the company’s innovative Cast-In-Motion technology, the Massivit 10000 enables direct printing of a “female” mold shell, thereby eradicating the need to produce a master or plug. This shift in paradigm – coupled with a high HDT (Heat Deflection Temperature) capability, low CTE (Coefficient of Thermal Expansion), and exceptional geometry freedom – has spawned growing demand across several countries and industries.

The [Massivit 10000 Technology Movie can be viewed here.](#)

Erez Zimmerman, CEO at Massivit 3D, said “We are excited to reveal the Massivit 5000 and the Massivit 10000 at IBEX and to demonstrate how Massivit 3D is transforming marine manufacturing with cutting-edge, large-scale additive manufacturing innovations. We’re committed to enabling manufacturers to overcome existing limitations in production speed and size, and to facilitating dramatic cuts in production costs. We’re thrilled to respond to the high demand for the new Massivit 10000 by offering IBEX attendees the opportunity to place orders in the lead up to the upcoming product launch.”



About Massivit 3D

Massivit 3D Printing Technologies Ltd. www.massivit3d.com (Tel Aviv Stock Exchange: MSVT) is the leading provider of large-scale 3D printing systems for the Marine, Automotive, Rail, Scenic Fabrication and other industries. Massivit 3D's solutions enable ultra-fast, cost-effective production of large parts. Its portfolio of 3D printing systems is designed to transform manufacturing of large parts by leveraging unique thermoset photo polymer technology. Founded in 2013 by a team of industry experts, Massivit 3D is headquartered in Lod, Israel and successfully completed its initial public offering (IPO) on the Tel Aviv Stock Exchange (TASE) in Q1, 2021. The company provides its customers across 40 countries with end-to-end services, supported via an extensive global dealer network.

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